

WARM-UP

$.5 \sqrt{36} = 6$ $6 \cdot 6 = 36$

1. $\sqrt{x^2} = x$

$1.5 \sqrt{a^2} = a$

2. What values of n make this statement true? $7 < \sqrt{n} < 8$

3. $\frac{5^2 + 75}{2 \cdot 5}$

4. $4 + 6\sqrt{4 \cdot 5 + 29}$

SD-63



Graphing

Graphing

Graphing

Let's review ...

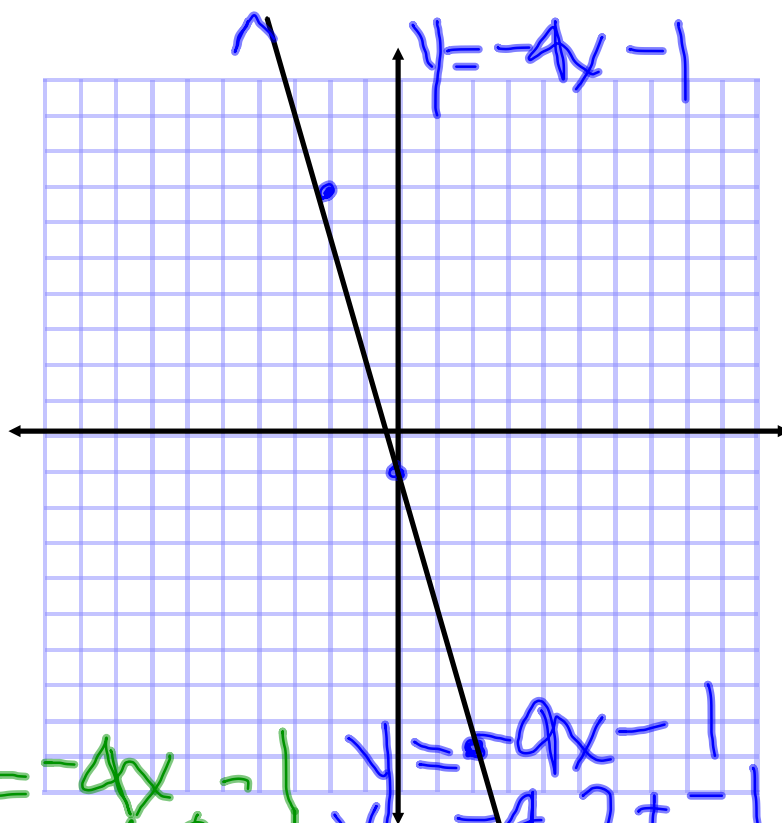
$$1) y = -4x - 1$$

| x | y |
|----|----|
| -2 | 7 |
| 0 | -1 |
| 2 | -9 |

$$\begin{aligned} y &= -4x - 1 \\ y &= -4(-2) - 1 \\ y &= 8 - 1 \\ y &= 7 \end{aligned}$$

$$\begin{aligned} y &= -4x - 1 \\ y &= -4 \cdot 0 - 1 \\ y &= 0 - 1 \\ y &= -1 \end{aligned}$$

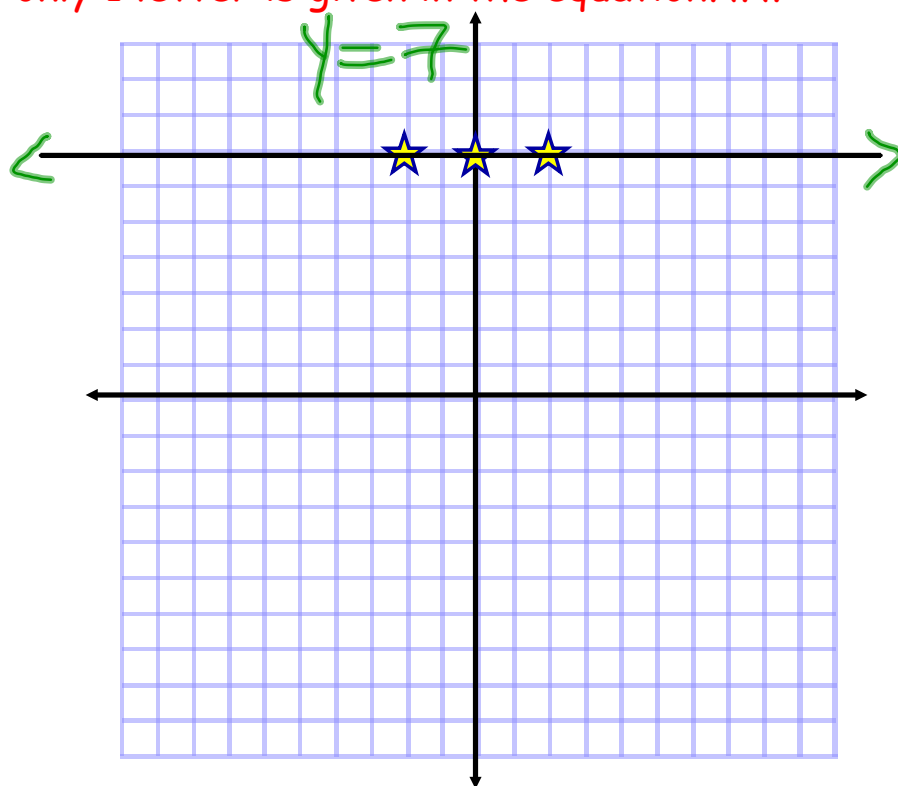
$$\begin{aligned} y &= -4x - 1 \\ y &= -4 \cdot 2 - 1 \\ y &= -8 - 1 \\ y &= -9 \end{aligned}$$



But teacher, what if only 1 letter is given in the equation?!?!?

2) $y = 7$

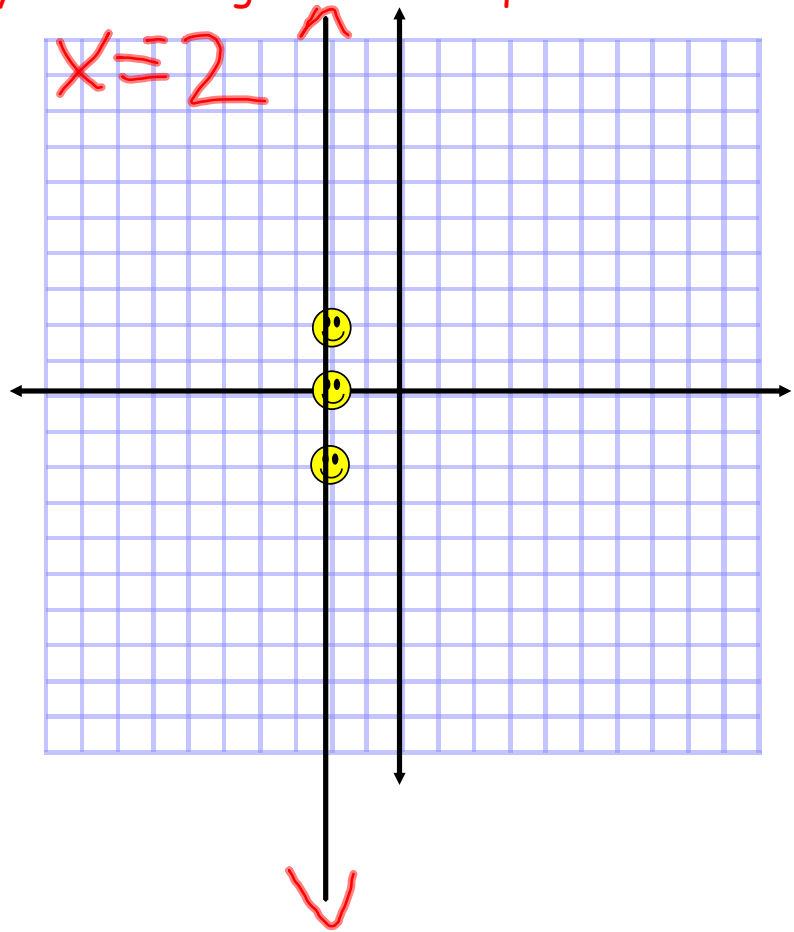
| X | Y |
|----|---|
| -2 | 7 |
| 0 | 7 |
| 2 | 7 |



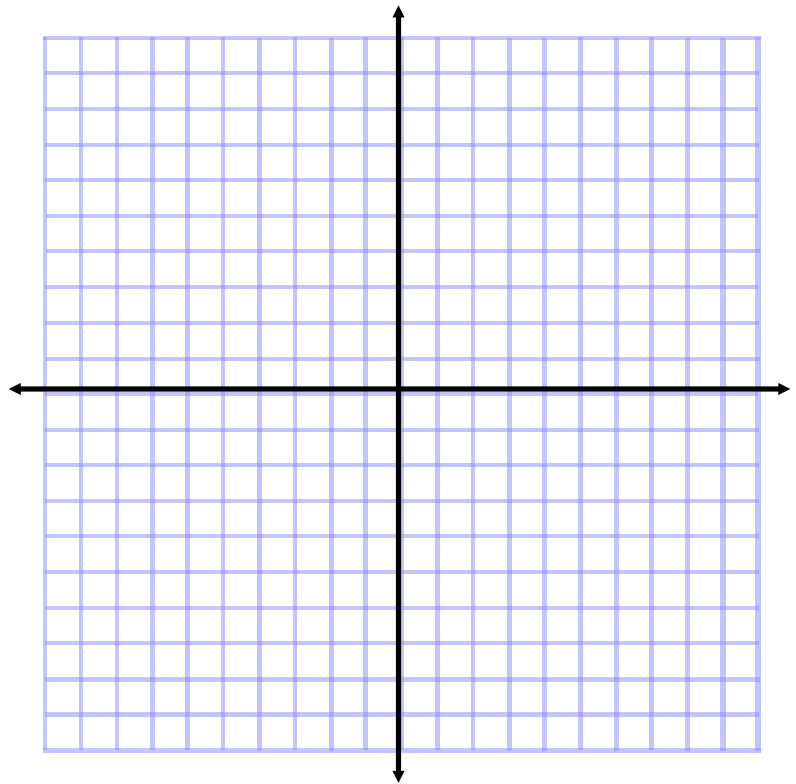
But teacher, what if only 1 letter is given in the equation?!?!?

3) $x = -2$

| | |
|-----|-----|
| x | y |
| -2 | -2 |
| -2 | 0 |
| -2 | 2 |

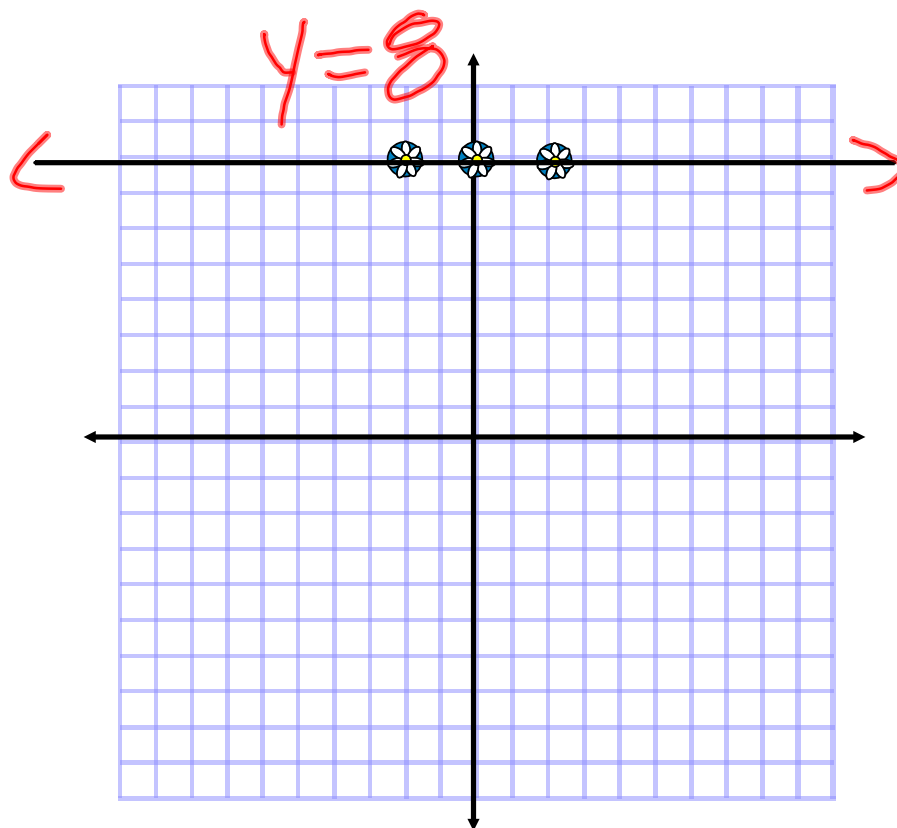


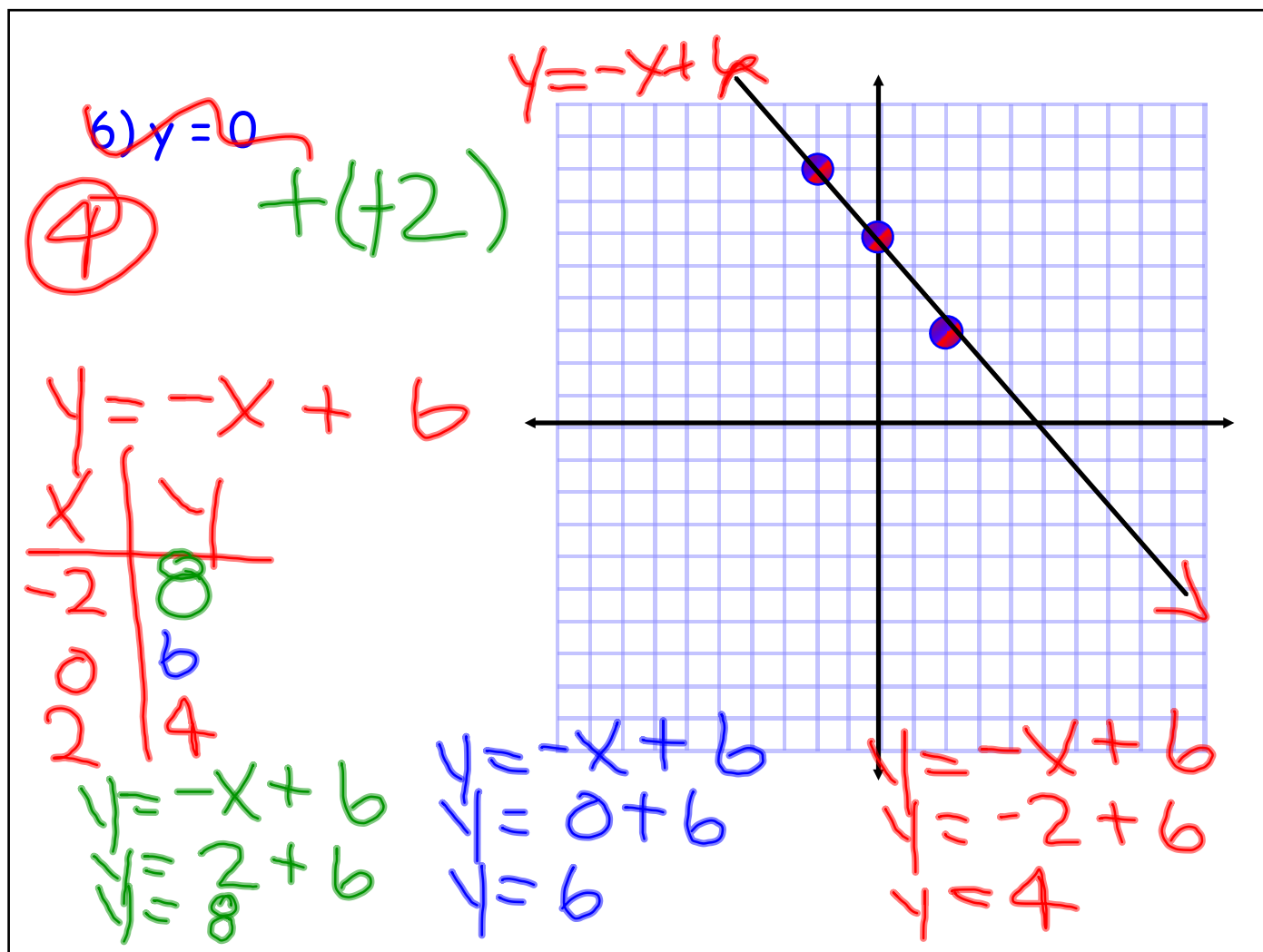
4) $x = -3$



5) $y = 8$

| x | y |
|-----|-----|
| -2 | 8 |
| 0 | 8 |
| 2 | 8 |







Planners

Planners

Planners